

6.
$$\left(\frac{2x}{y} - \frac{3y^2}{x^4}\right) dx + \left(\frac{2y}{x^3} - \frac{x^2}{y^2} + \frac{1}{\sqrt{y}}\right) dy = 0$$
 $M(x,y) = \frac{2x}{y} - \frac{3y^2}{x^4}$
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 $M(x,y) = \frac{1}{\sqrt{y}} + \frac{1}{$